

TOP SECRET RUFF

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Attachment to

7 June 1967

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REFERENCE TO:

SOLID MOTOR DEVELOPMENT FACILITY

KRASNOARMEYSK, USSR

1. SIGNIFICANCE:

IDENTIFICATION OF 2 NEW TEST BUILDINGS AND
1 NEW TEST AREA.

2. LOCATION:

28 NM NE OF MOSCOW.

3. REMARKS:

THE KRASNOARMEYSK SOLID MOTOR DEVELOPMENT FACILITY (ALSO KNOWN AS KB-3) WAS ESTABLISHED BY THE SOVIETS IN NOVEMBER 1946 FOR THE EXPRESS PURPOSE OF EXPLOITING THE SCIENTIFIC KNOWLEDGE AND TECHNICAL KNOW-HOW RELATED TO SOLID PROPELLANT ROCKET MOTORS THAT EXISTED IN GERMANY AT THE END OF WORLD WAR II. THE SOVIETS COLLECTED 18 GERMAN SCIENTISTS, ENGINEERS, AND TECHNICIANS FROM THE GERMAN SOLID PROPELLANT ROCKET FACILITIES AND TRANSFERRED THEM TO KB-3. KB-3 APPARENTLY WAS ESTABLISHED TO CONTINUE THE GERMAN PROGRAMS ON DEFENSIVE MISSILE AND ROCKET DEVELOPMENT UNDER SOVIET CONTROL.

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. For information concerning these notes contact Chief, Collateral Support Division, NPIC.

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THE GERMAN WORK INVOLVED THE FOLLOWING PROJECTS: ANTIAIRCRAFT & ANTITANK ROCKET SHELLS; AIR-TO-SURFACE, AND SURFACE-TO-SURFACE ROCKETS; RAPID-FIRE AIRCRAFT CANNON; RAMJET RESEARCH AND DEVELOPMENT; AND TEST STAND DEVELOPMENT IN CONNECTION WITH SOLID PROPULSION SYSTEMS. THE ASSIGNMENTS APPARENTLY WERE NOT CONCERNED WITH ACTUAL DEVELOPMENT OF SOLID FUELS, BUT ONLY WITH THE DESIGN OF THE MOTORS. THE WORK ON THE MISSILE AND ROCKET PROJECTS AT KB-3 INCLUDED THEORETICAL CALCULATIONS, DESIGN, DEVELOPMENT, AND EXPERIMENTAL STATIC AND FLIGHT TESTING.

THE SPECIAL PROJECTS ASSIGNED TO KB-3 PERSONNEL INCLUDED THE DESIGN OF A 100-TON HORIZONTAL THRUST TEST STAND, AND THE DESIGN AND CONSTRUCTION OF A SUPERSONIC BLOWDOWN WIND TUNNEL.

4. COLLATERAL:

NONE

5. FIRST IDENTIFICATION:

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6. NEGATION DATE: NONE
7. SUBSEQUENT COVERAGE: 30 KH-4 MISSIONS.
8. DIMENSIONS/
SPECIFICATIONS: NONE
9. MISSION READOUT: IN THE LARGE HORIZONTAL TEST AREA (TEST AREA A), 2 SMALL ROCKET MOTOR TEST BUILDINGS ARE NEWLY IDENTIFIED, A NEW BUILDING IS UNDER CONSTRUCTION, AN ADDITION/SCAFFOLD IS AT THE WEST END OF ONE OF THE ORIGINAL TEST BUILDINGS, AND 19 CYLINDRICAL OBJECTS ARE SCATTERED ON THE GROUND.

A SMALL HORIZONTAL TEST AREA (TEST AREA B) IS NOW IDENTIFIED. IT CONTAINS A HORSESHOE-SHAPED TEST REVETMENT AND APPROXIMATELY 8 BUILDINGS. THREE SMALL PROBABLE TEST AREAS, A SHELL TESTING/FIRING RANGE, A PROBABLE AERODYNAMIC TEST BUILDING, AND APPROXIMATELY 50 RAIL CARS OF VARIOUS SIZES ARE NEWLY IDENTIFIED IN OTHER PORTIONS OF THE FACILITY.

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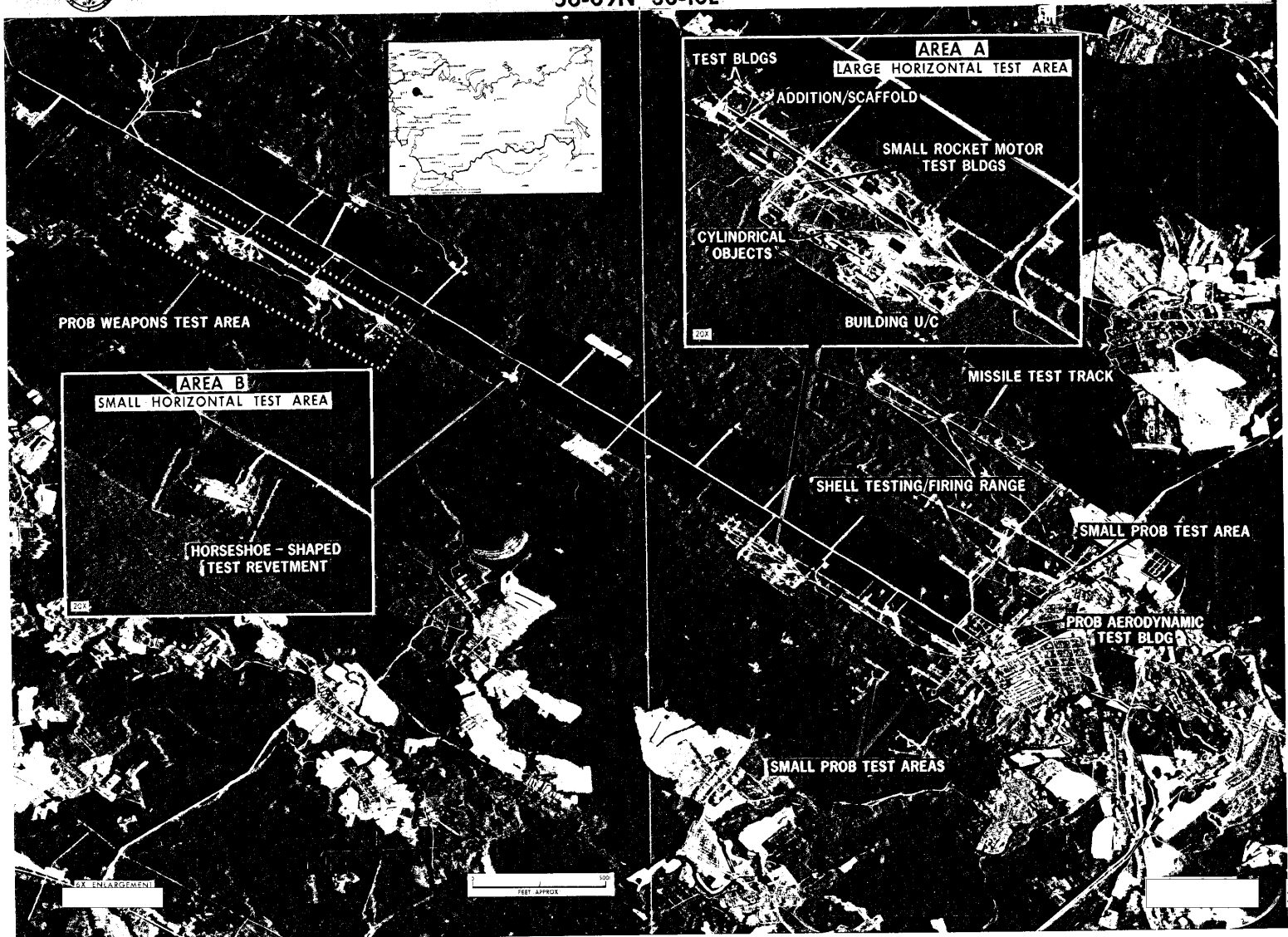
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SOLID MOTOR DEVELOPMENT FACILITY

KRASNOARMEYSK, USSR

56-09N 38-10E

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